

**Question 1:**

Fill in the blanks to show how the environment affects the organisms. Name the non-living component the organism interacts with in each situation.

\*migrating

\* skin

\* oxygen

\*gills

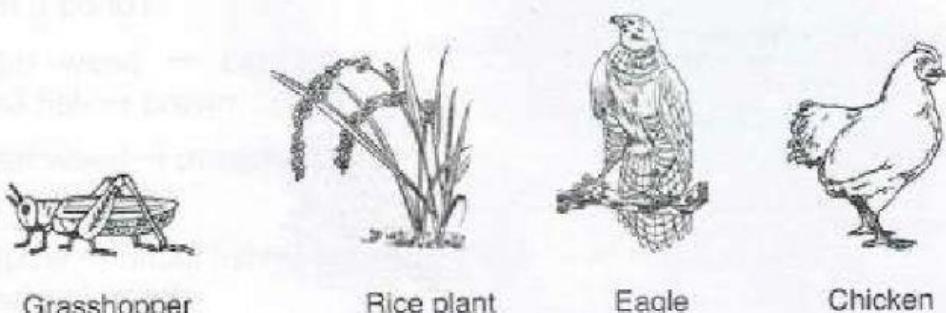
\*hibernate

\*photosynthesis

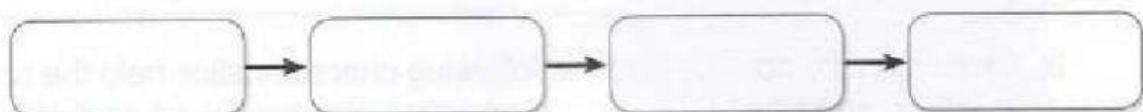
Situation	Non-living component
a. Fish have _____ to take in the dissolved oxygen from the water.	
b. Some birds avoid winter by _____ to warmer places where they can find food and shelter.	
c. All living things need _____ to breathe.	
d. Plants need sunlight to carry out _____.	
e. During winter, some animals _____ by going into a deep sleep.	
f. Earthworms sense their surroundings in the soil by using their _____.	

## **Question 2**

The diagram below shows four types of organisms in a paddy field.



a. Construct a food chain involving those organisms.



2.1 Name the producer.

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2.2 What is the process carried out by the producer in producing food?

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2.3 Which of the animals in the food chain is a carnivore?

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2.4 What happens to the rice plants if all the grasshoppers die due to a disease?

- a) The rice plants will become less.
- b) The rice plants will become too much.
- c) Nothing will happen.

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### **Question 3**

The diagram on the right shows a bird living in a hole of a tree.

a. What does the tree provide to the bird? List three.

i. \_\_\_\_\_

ii. \_\_\_\_\_

iii. \_\_\_\_\_

b. What will happen to the bird if the tree is cut?

